



<p align="center">CERTIFICATE OF MAILING 37 C.F.R. § 1.8</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below:</p> <p>11/05/01 _____ Date Steven L. Highlander</p>

Patent Office
11/05/01
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY
PURSUANT TO 37 C.F.R. §§ 3.71 and 3.73(b)
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Alan Thomas, Assistant Secretary, certify that ARCH DEVELOPMENT CORPORATION, is the assignee of the entire interest in each of the below-referenced U.S. patent applications. Documentary evidence of chain of title from the original owner to ARCH DEVELOPMENT CORPORATION, has been filed with and recorded by the United States Patent and Trademark Office at each of the below-referenced Reel and Frame numbers.

The evidentiary documents referred to in the instant Revocation and Power of Attorney have been reviewed by the undersigned; and it is certified that, to the best of the knowledge and belief of ARCH DEVELOPMENT CORPORATION, title is in ARCH DEVELOPMENT CORPORATION.

Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
ARCD:016	5,541,060	07/30/96	10/16/92	006274/0908
ARCD:022	07/640,486	01/14/91	03/05/91	005698/0916

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
ARCD:023	5,470,568	11/28/95	04/06/92	006086/0305
ARCD:026	5,665,583	09/09/97	09/29/88	004951/0265
ARCD:035	5,206,152	04/27/93	11/14/88	004968/0875
ARCD:036	5,229,394	07/20/93	08/30/90	005411/0501
ARCD:038	5,436,155	07/25/95	03/05/92	006044/0850
ARCD:039	5,241,578	08/31/93	02/28/92	006024/0799
ARCD:044	5,264,459	11/23/93	10/16/92	006321/0693
ARCD:045	5,478,727	12/26/95	04/23/92	006131/0074
ARCD:046	6,183,984	02/06/01	06/15/92	006205/0687
ARCD:047	5,438,126	08/01/95	12/08/89	005190/0541
ARCD:051	5,552,162	09/03/96	09/22/93	006759/0063
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ARCD:055—1	5,605,687	02/25/97	11/16/92	006551/0349
ARCD:058	5,539,092	07/23/96	12/21/92	006449/0278
ARCD:058—1	5,792,627	08/11/98	12/21/92	006449/0278
ARCD:062	5,334,498	08/02/94	05/10/93	006531/0879
ARCD:067	5,763,209	06/09/98	11/14/88	004968/0875
ARCD:070	5,731,171	03/24/98	11/01/93	006747/0320
ARCD:071—1	6,113,901	09/05/00	07/19/90	005453/0294
ARCD:072	5,487,970	01/30/96	08/23/93	006667/0758
ARCD:085	5,434,058	07/18/95	03/30/94	006916/0348
ARCD:090—1	5,834,309	11/10/98	09/08/95	007646/0646
ARCD:093	5,541,062	07/30/96	04/05/90	005279/0218
ARCD:105	6,096,513	08/01/00	02/01/00	010575/0622

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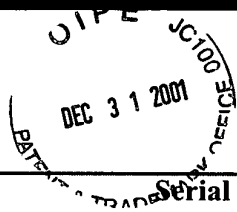
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ARCD:117	5,641,755	06/24/97	12/12/94	007246/0262
ARCD:123	08/191,139	02/02/94	12/02/91	005948/0596
ARCD:125	08/327,469	10/21/94	02/06/95	007321/0536
ARCD:129	5,612,318	03/18/97	02/25/91	005621/0885
ARCD:129—1	5,817,636	10/06/98	02/25/91	005621/0885
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ARCD:131	08/240,839	05/11/94	08/21/92	006247/0015
ARCD:133	5,571,797	11/05/96	04/30/99	009922/0667
ARCD:136	08/248,058	05/24/94	06/06/94	007011/0472
ARCD:140	08/292,694	08/19/94	12/02/94	007250/0013
ARCD:144	5,723,299	03/03/98	03/05/92	006044/0850
ARCD:147	08/309,315	09/19/94	12/12/94	007246/0258
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ARCD:152USD1	09/767,479	01/22/01	08/18/95	007592/0212
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ARCD:158	5,962,424	10/05/99	06/12/95	007525/0809
ARCD:164	6,040,300	03/21/00	02/18/97	008361/0059
ARCD:168	5,712,372	01/27/98	12/08/89	005190/0541
ARCD:177	08/455,683	05/31/95	02/01/00	010575/0622
ARCD:180	5,866,325	02/02/99	11/14/88	004968/0875
ARCD:181	5,773,583	06/30/98	11/14/88	004968/0875

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
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ARCD:184	08/458,122	06/02/95	07/19/90	005453/0294
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ARCD:187	5,770,581	06/23/98	02/12/98	008893/0763
ARCD:187—1	6,156,736	12/05/00	02/12/98	008893/0763
ARCD:189	6,121,419	09/19/00	08/23/93	006667/0758
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ARCD:191	5,756,290	05/26/98	12/21/92	006449/0278
ARCD:195	08/520,923	08/30/95	02/20/96	007897/0611
ARCD:216	6,004,751	12/21/99	01/05/98	008872/0689
ARCD:221	5,801,233	09/01/98	07/03/96	008020/0252
ARCD:222	5,488,042	01/30/96	03/13/92	006131/0218
ARCD:223	5,869,338	02/09/99	12/29/93	006744/0384
ARCD:227	5,567,686	10/22/96	10/29/93	006744/0384
ARCD:239	5,876,923	03/02/99	12/26/96	008285/0422
ARCD:241	5,846,948	12/08/98	11/19/96	008234/0072
ARCD:257—1	6,156,953	12/05/00	01/16/01	011445/0010
ARCD:271	5,916,752	06/29/99	07/21/95	007557/0862
ARCD:272	6,187,533	02/13/01	05/01/98	009150/0229
ARCD:272USC1	09/754,106	01/03/01	05/01/98	009150/0229
ARCD:273	09/334,084	06/16/99	10/15/99	010313/0063
ARCD:274	6,147,194	11/14/00	09/29/88	004951/0265
ARCD:274USC1	09/712,372	11/13/00	09/29/88	004951/0265
ARCD:278	09/207,649	12/08/98	03/26/99	009846/0285

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ARCD:280	6,080,399	06/27/00	10/27/98	009557/0656
ARCD:291	09/082,749	05/21/98	03/05/91	005698/0916
ARCD:293	09/087,427	05/29/98	10/19/98	009550/0355
ARCD:294	09/404,053	09/22/99	02/16/00	010608/0390
ARCD:294USD1	09/844,538	04/26/01	02/16/00	010608/0390
ARCD:295	09/408,583	09/29/99	02/07/00	010584/0708
ARCD:299	09/461,793	12/15/99	05/08/00	010818/0475
ARCD:301	09/168,832	10/08/98	01/19/99	009710/0485
ARCD:302	6,143,504	11/07/00	03/13/00	010700/0516
ARCD:303	09/189,586	11/10/98	02/08/99	009747/0817
ARCD:310	6,114,311	09/05/00	02/25/97	008497/0332
ARCD:317	6,210,926	04/03/01	12/26/96	008285/0422
ARCD:317USC1	09/825,288	04/02/01	12/26/96	008285/0422
ARCD:331	09/345,294	06/30/99	07/21/95	007557/0862
ARCD:338	09/433,043	10/25/99	12/21/92	006449/0278
ARSB:501	5,786,344	07/28/98	07/18/95	007689/0188
ARSB:502	5,840,331	11/24/98	08/28/95	007626/0689
ARSB:504	6,143,559	11/07/00	05/06/97	008486/0880
ARSB:504—1	08/907,146	08/06/97	05/06/97	008586/0880
ARSB:505	5,563,415	10/08/96	08/28/95	007628/0238
ARSB:507	6,051,839	04/18/00	03/05/98	009026/0899
ARSB:508—1	08/684,005	07/19/96	11/25/96	008238/0111
ARSB:509—1	08/674,311	07/01/96	09/30/96	008157/0351
ARSB:510—1	6,090,618	07/18/00	02/25/97	008497/0332

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Alias	Serial No. or Patent No.	Filing Date or Issue Date	Recordation Date	Reel/Frame
ARSB:513	5,891,856	04/06/99	10/29/93	006744/0384
ARSB:514	09/153,803	09/15/98	12/04/98	009618/0509
ARSB:517	6,025,365	02/15/00	10/22/97	008771/0017
ARSB:519	6,218,103	04/17/01	09/15/97	008717/0258
ARSB:521	08/934,386	09/19/97	03/02/98	009023/0131

I hereby revoke all power of attorney heretofore given and hereby appoint:

Louis T. Pirkey, Reg. No. 22,393; Richard J. Groos, Reg. No. 32,231; David L. Parker, Reg. No. 32,165; William G. Barber, Reg. No. 33,154; David D. Bahler, Reg. No. 30,932; Stephen D. Dellett, Reg. No. 32,564; Michael S. Metteauer, Reg. No. 34,875; John J. Bruckner, Reg. No. 35,816; Mark B. Wilson, Reg. No. 37,259; Steven L. Highlander, Reg. No. 37,642; Erik R. Nordstrom, Reg. No. 39,792; Stephen P. Meleen, Reg. No. 40,724; Robert E. Hanson, Reg. No. 42,628; Christopher R. Benson, Reg. No. 31,941; Thomas M. Boyce, Reg. No. 43,508; Michael C. Barrett, Reg. No. 44,523; Mark T. Garrett, Reg. No. 44,699; and Gina N. Shishima, Reg. No. 45,104;

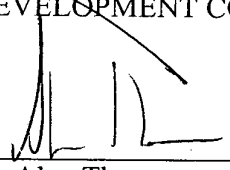
as the principal attorneys or agents, with full power of substitution, association, and revocation to prosecute said applications, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor.

Please direct all future communications regarding these applications as follows:

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Austin, Texas 78701
512-536-3184

ASSIGNEE:

ARCH DEVELOPMENT CORPORATION

By: _____

Name: Alan Thomas

Title: Assistant Secretary

Date: OCTOBER 19, 2001